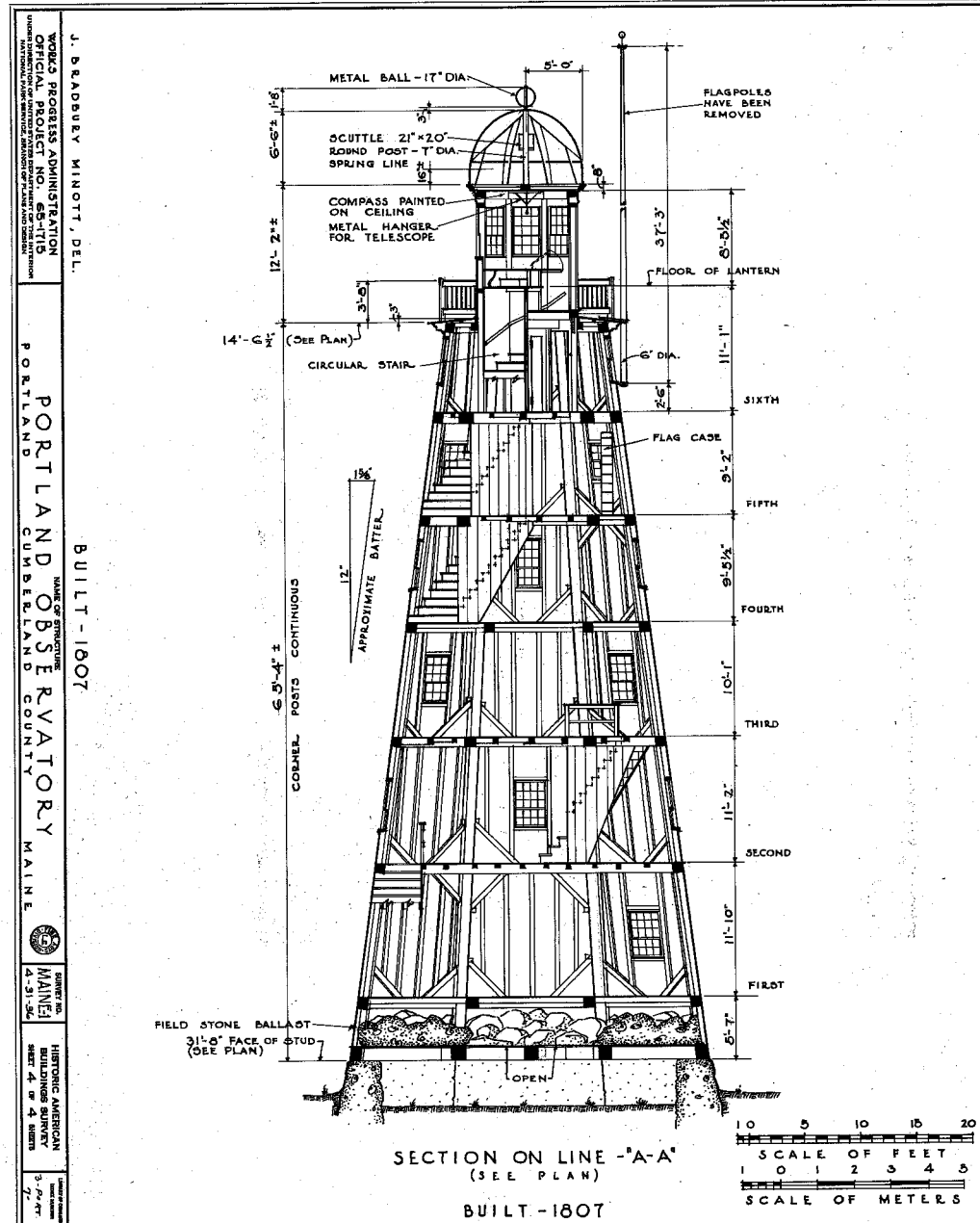


21st Century Preservation – Conservation and Craftsmanship

2003 APTI Conference

Maritime Preservation
 Traditional Buildings
 Landscape Preservation

September 17 – 22, 2003
 Portland, Maine



Portland Observatory HABS ME-1
 Illustration credit: Library of Congress

Conference Underwriters

The Davis Family Foundation
Maine Historic Preservation Commission

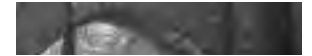
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Partner Organizations

Heritage Preservation, The National Institute for Conservation
Preservation Trades Network
The Alliance for Historic Landscape Preservation

Financial assistance to cover part of the cost of the conference for attendees may be available from the Keeper's Preservation Education Fund. The first Keeper of the National Register of Historic Places, William J. Murtagh, PhD, established the fund in 1988. Fellowship grants in support of educational activities related to the field of historic preservation and architectural conservation are available. KPEF grants can range from several hundred dollars to larger sums, awarded at the discretion of the board of trustees. Fellowships are awarded on the basis of both qualifications and need; applicants are encouraged to augment KPEF grants with other grants or awards. Contact the Conference Chair by June 15, at apti2003@aol.com, or information@apti.org for guidelines and an application form.



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Welcome From APT President

THE 2003 APTI CONFERENCE promises to be another in a series of wide-ranging and thought-provoking programs. The conference theme, 21st Century Preservation – Conservation and Craftsmanship will be addressed in three separate tracks: Maritime Preservation, Traditional Buildings and Landscape Preservation. The historic Portland, Maine venue certainly serves these themes well.

Speakers this year bring their unique perspectives from far and wide, including preservation professionals from Asia, Europe and North America. Topics range from preservation of a Russian Gulag to characterization of the porosity of lime mortars, conservation of heritage submarines (who knew there were so many?) and understanding cultural landscapes using GIS and GPS technologies. Representatives from Save Venice and Historic Scotland, who will share their views of Conservation and Craftsmanship, offer our opening and closing plenary sessions. This is APTI living up to the “international” in its name.

This year, there are four separate two-day technical workshops planned, including Wood Preservation, Masonry Restoration, Assessing Historic Structures and a new professional development program in Structural Engineering for Older Buildings. These programs have been developed with a host of “partners”, including the International Masonry Institute, U.S. Heritage, The National Center for Preservation Technology and Training, Heritage Preservation and the Maine Maritime Museum. We are grateful for their assistance and look forward to similar collaborations in the future.

As always, there are a number of interesting local tours to partake of, along with social events and ongoing efforts to hear more from our members on what they see as the burning preservation issues in need of further programming.

One of the defining strengths of APT is the wide variety of topics and the multiple specialties that are represented not only by conference speakers, but the audience, as well. Conversations that take place in workshops, conference sessions and informally during social events are part of the magic that takes place every year, as like-minded preservationists from a diversity of disciplines come together to share and add to their knowledge of the field.

Please accept this invitation to join us this September in Portland, where you will have the opportunity to visit with old friends, make some new ones, and be part of a conversation extending back 35 years, to the founding of APT at another maritime venue, the Gaspé peninsula in Quebec.

I hope to see you there-
Sincerely,



Kent Diebolt
President, APTI

Who Should Attend?

- Architects, landscape architects, engineers, and conservators
- Building managers and owners
- Planners and cultural resource managers
- State historic preservation officers and other government officials
- Historians and architectural historians
- Contractors
- Anyone with an interest in preservation technology



The Association for Preservation Technology International is a registered provider with the AIA Continuing Education System (AIA /CES). This program is registered for over 20 AIA Learning Unit Hours, many of which fulfill hours of Health, Safety, and Welfare.

Portland & APTI

Portland is a city of 70,000 people on Maine's southern coast that has been shaped by local craftsmanship and the influence of international trade for over 250 years. The APT2003 Conference will take advantage of this setting to focus on the interdependent roles of conservation science and traditional craftsmanship in the preservation of historic resources in local, regional and international contexts. The conference sessions will explore the application of scientific analysis and treatment in the conservation of historic resources as well as the importance of utilizing traditional craftsmanship as a continuum for relearning and preserving the historic building trades. The conference sessions are broken down into three overlapping sections: Maritime Preservation, Traditional Buildings, and Landscape Preservation. A total of forty-five papers will explore a variety of topics within these sessions. Speakers presenting papers at the conference this year include preservation professionals from Austria, Great Britain, the Czech Republic, Mongolia, Canada and the United States. Mixed in with the paper presentations will be plenty of time to eat lobster, take a sail, see a lighthouse, or stroll through Portland's historic old port.



Fort Gorges, Interior Stairs

Opening Session

Thursday September 18, 8am – 9:30am

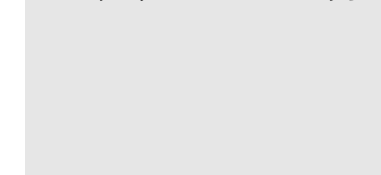
Sponsors – The ArmaKleen Company,

Muckle & Associates, Inc., Lawrence, MA.



Closing Session

Saturday September 20, 8am – 9:30am



Speakers

**Earle G. Shettleworth, Jr., Director
Maine Historic Preservation Commission**

A native of Portland, Earle G. Shettleworth, Jr., attended Deering High School, Colby College, and Boston University. At the age of thirteen, Shettleworth became interested in historic preservation through the destruction of Portland's Union Station in 1961. A year later he joined the Sills Committee which founded Greater Portland Landmarks in 1964. In 1971 he was appointed by Governor Curtis to serve on the first board of the Maine Historic Preservation Commission, for which he became architectural historian in 1973 and director in 1976. Shettleworth has lectured and written extensively on Maine history and architecture, his most recent publication being *Rediscovering S.P. Rolt Triscott, Monhegan Island Artist and Photographer*, which he co-authored with Richard H. Malone in 2002. He currently serves as chair of the Capitol Planning Commission and the State House and Capitol Park Commission.

**Michael John Dagon, Executive Director
Save Venice Inc.
New York, NY and Venice, Italy**

Save Venice Inc. started as the Venice Committee of the International Fund for Monuments, under the administrative umbrella of UNESCO (United Nations Educational, Scientific, and Cultural Organization,) in response to the serious damage caused by the floods in Venice on November 4, 1966. Save Venice Inc. evolved as an American organization in 1971 separate from the International Fund for Monuments, now called World Monuments Fund. The mission of Save Venice is to protect the cultural patrimony of the city by raising funds to restore its monuments and works of art. Save Venice also has an educational mission to educate the public about the culture and history of Venice through educational trips, tours, lectures and events with topics pertaining to Venice's history and festivals. Prior to joining Save Venice Inc. as Executive Director, Mr. Dagon worked for several cultural institutions including The J. Paul Getty Museum, the Los Angeles Opera and the New York City Opera.

Speaker

**Ingval Maxwell,
Head of Technical Conservation Research and Education
Historic Scotland
Edinburgh, Scotland**

Historic Scotland is an Agency within the Scottish Executive Education Department and is directly responsible to Scottish Ministers for safeguarding the nation's built heritage, and promoting its understanding and enjoyment. The agency conserves properties in its care and provides financial assistance to private owners towards the costs of conserving and repairing outstanding monuments and buildings. Historic Scotland currently has more than 300 properties in its care. Mr. Maxwell joined Historic Scotland's predecessor, the Ministry of Public Buildings and Works as an architect in 1969. Subsequently holding a variety of professional positions he was ultimately promoted to his current position in 1993. In 1994 he founded and currently chairs the Scottish Conservation Forum in Training and Education. Spanning craft, technology, industry and professional interests, this multi-level group meets twice yearly to exchange information and developments on Scottish conservation education matters.



J&L Lowe 5/95

Hemlock Bridge, Hancock County
HAER, ME, 5-NORHA.V, 3-6

Thursday September 18, 10am –12noon

Maritime Preservation [So1] – Preservation Standards: landscapes, vessels, and buildings

Loudoun County’s Implementation of Green Infrastructure: Preserving the Landscape
Kathryn A. Miller, Loudoun County Planning Commissioner, Leesburg District, Loudoun County, VA

Impact of Regulation on Historic Vessels in Underway Service
Quentin Snediker, Director, duPont Preservation Shipyard, Mystic Seaport Museum, Mystic, CT

Sustainable Preservation
Lisa M. Tucker, AIA, ASID, Radford University, Radford, VA

Traditional Buildings [So2] – Historic Mortars

No Cement Here: Replicating historic lime-based parging and pointing
Anne T. Sullivan, Senior Associate, Johnson Lasky Architects, Chicago, IL
John Spewik, Vice President, US Heritage Group, Chicago, IL

Military Experiments with Lime and Hydraulic Cement Mortars in Seacoast Fortifications
Mary Catherine Martin, Lord, Aeck & Sargent, Inc., Atlanta, GA

Characterizing Mortar Porosity: The What, The How, and the Why
M.L. Thomson, PhD, Chemical Lime Company, Henderson, NV
J.E. Lindqvist, PhD, Building Research, SP, Boras, Sweden
J. Elsen, PhD, Department of Geology, Katholieke Universiteit, Leuven, Belgium
C. Groot, PhD, Department of Civil Engineering, Technische Universiteit, Delft, The Netherlands
Members of Rilem TC 167 – Characterization of Historic Mortars with Respect to Their Repair

Traditional Buildings [So3] – Wood Technology

Repairs to historic wooden structures: Least is Best Approach
Douglas C. Reed, Historic Structures Consultant, Smithsburg, MD

In-situ Restoration of the Piney Point Lighthouse Staircase
John Greenwalt Lee, Materials Conservator and Craftsman, Annapolis, MD

Evaluation and Strengthening of Built-up Timber Trusses
S. Patrick Sparks, PE, Sparks, Larosche & Associates, Austin, TX

Thursday September 18, 2pm – 4pm

Traditional Buildings [So4] – Fire Suppression Technology

Heavy Timber Framing in Late-Nineteenth-Century Commercial and Industrial Buildings
Sara E. Wermeil, PhD, Historian of Technology / Historic Preservation Consultant, Jamaica Plain, MA

Water Mist Fire Suppression is Finally Here to Protect our Historic Buildings
Ernest A. Conrad, PE, Landmark Facilities Group, Norwalk, CT
Suzanne B. Pandisch, Director, Lyndhurst Castle, Tarrytown, NY

Addressing Fire and Extreme-type Events in Protecting Maritime Facilities and Cultural Resources
Chris Marrion, PE, Arup Fire, New York, NY
James Lord, Arup Fire, New York, NY
Milosh Puchovsky, Arup Fire, New York, NY

Traditional Buildings [So5] - Concrete

Fort Casey, Battery Worth, Emplacements One and Two – Restoration Documentation of Fortification Construction
Peter M. Ryan, Senior Architect, Wiss, Janney, Elstner Associates, Seattle, WA
David Hansen, Historic Preservation Officer, Washington State Parks, Olympia, WA

Replication of the John J. Earley Concrete Mix Used to Restore the Nashville Pavillion
Ilene R. Tyler, FAIA, FAPT, Quinn Evans / Architects, Ann Arbor, MI

Soldier Field Stadium: Studies of Corrosion Mitigation Systems for Historic Concrete Elements
Arne Johnson, Wiss Janney Elstner Associates, Northbrook, IL
Seung Kyoung Lee, Wiss Janney Elstner Associates, Northbrook, IL

Landscape Preservation [So6] – Land Management

North Family, Shaker Mount Lebanon, Cultural Landscape Report
Patricia O'Donnell, FASLA, AICP, LANDSCAPES LA-Planning-HP, Charlotte, VT

Nicodemus, Kansas: the Challenges of Preservation within a Living Community
Liz Sargent, Landscape Architect, John Milner Associates, Charlottesville, VA

George Washington’s Boyhood Home at Ferry Farm – Master Plan for Development as a Heritage Destination
Gordon B. Bingaman, Associate, Quinn Evans / Architects, Washington, DC

Friday September 19, 8am – 10am

Maritime Preservation [So7] – Metals Conservation

Giuseppe Moretti's Vulcan: Bringing Back the Magic

J. Scott Howell, President, Robison Iron Works, Alexandria City, AL

The Conservation of Heritage Submarines

Martin E. Weaver, Conservation Consultant and Professor i/c Conservation Sector, Historic Preservation Program, Columbia University, New York, NY and Nepean, Ontario, Canada

Raising the Titanic: The conservation of a 17 ton section of the hull recovered from the RMS Titanic wreck-site and an evaluation of the treatment three years later

Joseph Sembrat, Conservation Solutions, District Heights, MD

Traditional Buildings [So8] – Documentation & Preservation Philosophy

The Experimental Earthen Cottages at Amesbury, England

Dr. Richard Burt, Department of Construction Science, Texas A&M University, College Station, TX

The Gulag Museum at Perm-36: Preserving a Russian Site of Conscience

Bill Brookover, Historical Architect, National Park Service, Philadelphia, PA

Basilica of the Assumption: Assessment of Latrobe's Original Design Intent and Subsequent Modifications

John G. Waite, FAIA, John G. Waite Associates Architects, Albany, NY
Stephen F. Reilly, John G. Waite Associates Architects, Albany, NY

Traditional Buildings [So9] – Architectural Elements

The Restoration of Monticello's Door Hardware: Unlocking Some of the Mysteries

Robert L. Self, Architectural Conservator, Monticello, Charlottesville, VA
Peter Ross, Master, Anderson Forge Colonial Williamsburg Foundation, Williamsburg, VA

Conservation of 1768 Windows at the Lee Mansion

William B. Finch, Architectural Conservator, Finch & Rose, Beverly, MA
John Butler, Craftsman, Finch & Rose, Beverly, MA

Historic Carpentry – Discoveries and Potential

Milos Drdacky, Director, Institute of Theoretical and Applied Mechanics of the Academy of Science of the Czech Republic, Prague, Czech Republic
Vit Mlazovsky, Consulting Professional Engineer, Prague, Czech Republic
Petr Ruzicka, Chief Carpenter-Restorer, Ars Tignaria, Prague, Czech Republic

Friday September 19, 10:30am – 12:30pm

Traditional Buildings [S10] – Coatings

Architectural Gilding: When Ancient Materials Meet Modern Realities

Michael Kramer, President, The Gilders Studio, Inc. Olney, MD

The Restoration of the Battery Maritime Building

Richard Pieper, Director of Preservation, Jan Hird Pokorny Associates, New York, NY

Lime wash – a forgotten material rediscovered

Annabelle Radcliffe-Trenner AIA, Historic Building Architects, Trenton, NJ
Maribel Beas, Architectural Materials Conservator, Historic Building Architects, Trenton, NJ

Traditional Buildings [S11] – Engineering

The Hidden Truth – structural sins behind elaborate wood finishes

Janet Gourlay-Vallance, Public Works and Government Service Canada, Calgary, Alberta, Canada
Charles Quinn, Saretsky Structural Engineers, Inc., Calgary, Alberta, Canada

Inadvertent Structural Action in Traditional Buildings; or Why Hasn't That Fallen Down Yet?

Donald Friedman, PE, Consulting Engineer, New York, NY

Conservation Engineering Rescue of Two Masonry Arch Bridges at Stow and Corgarff, Scotland

Krystyna Pytasz, Peter Stephen & Partners, Edinburgh, Scotland, UK
John Addison, Peter Stephen & Partners, Edinburgh, Scotland, UK

Landscape Preservation [S12] – Planning and Identification

Restoring Historic Congressional Cemetery, the Country's First National Cemetery

Thomas J. Elmore, President, Elmore Design Collaborative, Historical Landscape Architects, Springfield, MA

Understanding Cultural Landscapes through GIS

Benjamin K. Haavik, Deputy Director, Historic House Trust of New York City, New York, NY

Massachusetts Historic Parkways Initiative: A New Model for Parkway Stewardship

Patrice Kish, Director, Bureau of Planning, Design and Development, Massachusetts Department of Environmental Management, Boston, MA

Conference Sessions

Friday September 19, 2:30pm – 4:30pm

Maritime Preservation [S13] – Stone Masonry

Distribution of Stone Along Maritime Routes: A Contemporary and Historical Perspective on Quarrying, Fabricating and Shipping Stone

Lisa Howe, Director of Preservation, Goody Clancy & Associates, Boston, MA
Ivan Myjer, Principal, Building and Monument Conservation, Arlington, MA
Mike Meehan, Owner, Portland Brownstone Quarries, Portland, CT

Joliet-Lemont Limestone Along the Illinois and Michigan Canal

Andrea Terry, Bauer Latoza Studio, Chicago, IL

Sandstone Deterioration at Cape Henry Lighthouse – History, Analysis and Remediation

Louis J. Malon, Director of Properties, Association for the Preservation of Virginia Antiquities, Richmond, VA

Traditional Buildings [S14] – Traditional Buildings Around the World

Mud Building Technology in Austria

Bruno Maldoner, Bundesdenkmalamt (Austrian Federal Office for Historic Monuments,) Vienna, Austria

Yin Yu Tang: The Re-erection of a Vernacular Chinese House in a Modern Museum Setting

Clay Palazzo, John G. Waite Associates, Albany, NY
Steven F. Reilly, John G. Waite Associates, Albany, NY

Construction Techniques of Traditional Mongolian “Ger” Dwelling

Zoljargal Gankhuyag, Department of Architecture, Civil Engineering School, Mongolian University of Science & Technology, Mongolia

Landscape Preservation [S15] – Treatments

Acadia Style: Using Historic Precedents to Rehabilitate Acadia’s Trails

J. Tracy Stakely, Historical Landscape Architect, Olmstead Center for Landscape Preservation, National Park Service, Boston, MA
Chris Barter, Trails Crew Leader, Acadia National Park, Bar Harbor, Maine

Mt. Tabor Reservoir Replacement Project

Peter R. Meijer, SERA Architects, Portland, OR
Brenda K. Nelson, Bureau of Water Works, City of Portland, Portland, OR

The Tale of Two Lakes: Historic Landscape Rehabilitation at Mount Auburn Cemetery

William C. Clendaniel, President, Mount Auburn Cemetery, Cambridge, MA

Special Events

First Annual APT Golf Challenge [SP1]

Wednesday September 17, 1pm – 5:00pm \$65
Green fees, golf cart and food included

Join friends and colleagues for a low-key golf outing at the beautiful Nonesuch Golf Club. This 18-hole event will tee off at 1pm and be a competition among foursomes using the “Captain’s Choice” format. All golfers and handicaps are welcome for this fun-filled afternoon that guarantees prizes for all participants. The golf course is a 10-minute taxi ride from the airport, 20-minute drive from the hotel. Transportation by “ride-sharing” among participants will be available. A practice facility and club rentals are available at the course.

A Moment in Time: Our Place in the Historic Context [SP2]

Wednesday September 17, 4:30pm – 6:00pm – Free
Sponsor: Gladding McBean

Join us prior to the start of the conference for a stimulating talk with architects Will Bruder of Phoenix, Arizona and Richard Murphy of Edinburgh, Scotland, in a discussion about historic context. This moderated talk will step away from APT’s normal focus on technology and consider those curatorial challenges met by cutting-edge architects working for institutions with historic structures in need of reinvention as much as restoration. We will hear how these designers look at a project to create architecture that is of its time and respectful of existing buildings, established landscapes and urban patterns.

Opening Reception [SP3]

Wednesday September 17, 7:00pm – 9:00pm – Free (ticket required)
Light food and cash bar (one free drink included)
Sponsors: Wiss, Janny, Elstner Associates, Inc.
The Western Group



Join your colleagues and friends for a casual reception at the spectacular Victoria Mansion (Morse Libby House), a National Historic Landmark, in downtown Portland. Constructed in 1858-1860, the Mansion is one of the finest examples of the Italianate style in America with the earliest known interior commission by Gustave Herter, which is almost completely intact including furnishings, light fixtures and decorative painting. You will have the opportunity to tour the house and experience firsthand the grandeur of this remarkably intact Victorian era interior. There is no formal program for the evening, so you will be able to come before or after you go for dinner on your own. The house is approximately four blocks from the hotel and accessible on foot. Transportation will not be provided unless requested prior to the conference.

Special Events

Annual Meeting and Lunch [SP4]

Thursday September 18, 12 noon – 1:30pm – Free (ticket required)
Sponsor: NER Construction Management, Wilmington, MA

Get updated on APT's activities for the past year over a complimentary lunch. This is a great opportunity to meet Board members, hear reports from the various committees and chapters, and find out how to get more involved in APT.

College of Fellows Lecture and Reception [SP5]

Thursday September 18, 7:00pm – 9:00pm – Free (ticket required)
Light food and cash bar (one free drink included)
Sponsors: Society for the Preservation of New England Antiquities

Masonry Preservation Services, Inc. – Tradition, Technology, Integrity



Join the College of Fellows for their annual induction ceremony and lecture by Dr. Zeynep Ahunbay, professor in the Faculty of Architecture at Istanbul Technical University. Being a conservation architect, Dr. Ahunbay has worked extensively on world heritage monuments in Turkey, most of them done on a voluntary basis. Projects of note include the Zeyrek Camii (Monastery of Christ Pantokrator) an important Byzantine monument in the city of Istanbul. The Zeyrek Camii consists of three adjoining churches built by Eirene and John II Komnenos ca. 1118-1136. The monastery was converted to Islamic use under Fatih Mehmet at the end of the 15th century. Dr. Ahunbay and her husband, Metin, an architect and archaeologist of note, have worked on its documentation and conservation with the support of the Istanbul Metropolitan Municipality, the World Monuments Fund/Kress Foundation, Dumbarton Oaks, the University of Illinois and Istanbul Tech. Professor Ahunbay and her husband also worked for Hasankeyf, a medieval site which is under risk of being inundated by Ilisu Dam. Hasankeyf is a spectacular site on the Tigris River and embodies cave dwellings, a rock church, mosques with beautifully carved stone minarets and a fortified city. The evening will end with a reception where you will have a chance to personally congratulate the new inductees into the College of Fellows and talk with Dr. Ahunbay.

Vision Planning Lunch [SP6]

Friday September 19, 12:30pm – 2:00pm – Free (ticket required)
Sponsor: Shawmut Design and Construction, Boston, MA

Following a complimentary lunch, this session will follow-up on last year's Setting the Agenda lunch held in Toronto. During this lunch we will continue the discussion on shaping APT's technical and philosophical agenda for the coming years. Come hear what your APTcolleagues have to say about the future of preservation technology, and bring your own vision to the table for discussion.

Special Events

Island Lobster Bake [SP7]

Friday September 19, 5:30pm – 9:00pm – \$55

Join us for a taste of a classic Down East tradition: a lobster bake! During the short boat ride over to Peak's Island, you will enjoy fantastic views of Casco Bay, Portland Harbor and a lighthouse or two. Upon docking at the island, you are only a short walk away from a luscious Maine lobster with all the trimmings, including steamed clams, corn-on-the-cob, coleslaw and, of course, fresh Maine blueberry cake. For those non-seafood lovers, there is the option of chicken, steak or a vegetarian dinner. If you wish, you can explore the island on your own before catching the chartered boat back to Portland. Fee includes round trip fare on the chartered boat and dinner. Buses will be available to shuttle you between the hotels and the Portland Ferry dock.

Banquet and Awards Ceremony at the Portland Museum of Art [SP8]

Saturday September 20, 7:00pm – 9:30pm – \$55
Heavy food and cash bar (one free drink included)

Sponsors: Ann Beha Architects, Boston, MA

Building Conservation Associates, Inc., Dedham, MA

Ocmulgee Associates, Inc., Consulting Structural Engineers, Ipswich, MA

The magnificent Portland Museum of Art with its award winning I.M. Pei designed building and the recently restored Federal era McLellan Sweat House are the setting for the final event of the conference and opening event for the workshops. You will be able to meander through several of the museum spaces from the dramatic contemporary setting of the Great Hall to the elegantly appointed rooms of the McLellan Sweat House, which display some of the finest wallpaper and carpet reproductions. Use this time once again to mingle with old friends and colleagues and make plans for meeting at APT2004 in Galveston, Texas.

Workshop Reception [SP9]

Sunday September 21, 7:00pm – 9:00pm – \$30
Light food and cash bar (one free drink included)

Note: This event is included as part of the Workshop registration fee for all workshops except for those attending the one-day Best Practices for Condition Assessments of Historic Structures workshop.

This evening reception will allow workshop participants to gather together in a relaxed atmosphere after dinner. The reception will be an opportunity to discuss the day's events and find out what is happening in the other workshops.

Field Sessions

Saturday September 20

17th and 18th Century Timber Frame Structures [FS1] – \$50

Bus and Walking Field Session, lunch included

10:00am-5:30pm

Sponsor: John G. Waite Associates, Albany, NY

Two historic properties owned and operated by SPNEA (Society for the Preservation of New England Antiquities) will be the focus of this tour: the Rocky Hill Meeting House, a pristine 18th century structure, and Spencer-Pierce-Little Farm, a manor house whose earliest section dates to the 17th century. You will see first-hand how modern stabilization techniques were introduced into the historic manor house, including a trip to the attic to see the original 1690s roof structure.

Shopping in Freeport, Maine [FS2] – \$15

11:00am – 5:30pm

Spend the afternoon shopping in Freeport, which is home to L.L. Bean's flagship store (and the indoor trout pond!), as well as over 100 other shops. A wide range of stores can be found from Maine artisan and specialty shops to designer outlets. Bus transportation provided.

Two Historic Landscapes: The McLaughlin Garden and the Village of Paris Hill, Maine [FS3] – \$35

Bus and Walking Field Session, lunch provided

11:00am – 5:30pm

Sponsor: McLaughlin Gardens

The McLaughlin Foundation was formed in 1996 to steward the garden and nineteenth century connected New England farmhouse of Bernard McLaughlin (1898-1995). The South Paris garden and farm buildings are listed on the National Register as an historic cultural landscape. While enjoying one of Maine's favorite public gardens, we will learn about the challenges of creating a master plan for a vernacular garden, and integrating that plan with a rehabilitation plan for the buildings. After touring the gardens we will explore the architecture, layout, and growth of the nineteenth-century New England village of Paris Hill and enjoy a light snack at the 1806 law-office of Albion K Parris, Maine's third Governor.

Sabbathday Lake Shaker Village [FS4] – \$35

Bus and Walking Field Session, lunch provided

11:00am – 5:30pm

Sponsor: Sabbathday Lake Shaker Village

The Sabbathday Lake Shaker Village was established as an active community of Shakers in 1783 and remains so today – the only active community of Shakers in the United States. The Shaker Museum tour will include a guided tour through the 1794 Shaker Meetinghouse (still an active house of worship) and the 1839 Ministry's Shop (former home and workshop for the community's elders.) The tour will tell the story of the 220-year history of the Shakers in Maine as well as answer questions regarding the ongoing preservation work at the property.

Field Sessions

Historic Lighthouses of Casco Bay [FS5] – \$35

Bus and Walking Field Session, lunch provided

11:00am – 5:30pm

Sponsor – Ropelink, Ltd.

With spectacular Casco Bay as the backdrop, this tour will introduce you to the lighthouses that have been guiding vessels into Portland's Harbor for over two hundred years. Included in the tour will be visits to Maine's oldest lighthouse, Portland Head Light, a caisson lighthouse, and an unusual mid-19th century cast iron lighthouse modeled on the Choragic Monument of Lysicrates from 4th century B.C. in Athens, Greece.

Schooner Sail [FS6] – \$55

2:00pm – 5:00pm and 11:45pm – 3:00pm (we will fill the 2:00 slot first)

Sponsor: McClier, Chicago, IL

Spend part of your afternoon sailing around Casco Bay on the historic, 72-foot schooner, Bagheera. Designed by one of America's most celebrated yacht designers, John G. Alden of Boston, Bagheera was constructed in Maine by the able craftsmen at Rice Brothers Shipyard in East Boothbay and launched in January 1924. She has cruised the Pacific and the Atlantic and spent many years in the Caribbean Sea. Join the crew in hoisting a sail or simply sit back and enjoy the beauty of Maine's rugged coastline and, perhaps, watch the antics of a seal or two. Bus transportation provided down to the dock area.

Evergreen Cemetery and Wilde Chapel [FS7] – \$25

Bus and Walking Field Session

1:00pm – 4:00pm

Sponsor: Jablonski Berkowitz Conservation, New York, NY

Evergreen Cemetery, one of Portland's most beautiful landscapes, opened in 1854 on the outskirts of the City and quickly became a popular destination. With over 100 acres, the cemetery is a vital green space for the community. Learn about the history of the cemetery, the restoration of Wilde Memorial Chapel, a granite Gothic structure, and the Master Plan for rehabilitating the cemetery.

Arts Pass [FS8] – Free (ticket required)

Walking Field Session

All day

For those wishing to explore Portland's historic sites on their own, a pass will be available that provides free access to four separate museums in Portland. The Victoria Mansion (Morse-Libby House) will be open for those that did not get enough at the opening reception. Other properties will include the recently restored Wadsworth-Longfellow House, childhood home of Henry Wadsworth Longfellow; the recently restored Portland Observatory, the last remaining maritime signal tower in the United States; and the Tate House museum, an eighteenth-century merchants house owned by the Colonial Dames.

Bookstore

Thursday September 18 and Friday September 19, 7:30am – 2:30pm
Sponsor – Crittall Windows, Ltd.



During the conference, APT will sponsor an on-site book sale, operated by Longfellow Books of Portland. You can view a wide assortment of the latest preservation and conservation book titles without leaving the Eastland Hotel. Meet colleagues to discuss book titles over morning coffee, pick up a gift to bring home from the conference or purchase some of the latest titles by authors who are presenting at the conference. Make the most of your trip to Maine! Arrange to have book purchases shipped home to you, so that they don't weigh you down on your travels, or tempt you to stay inside and read.



Bailey Island Bridge
HAER, ME, 3-BAILI, 1-14

Post Conference Technical Workshops

Sunday September 21 and Monday September 22

Masonry Restoration: Mortar Technology [W1]

Registration Fee: Day one only [W1a] – \$250 (includes evening reception),
Day one and two \$450

Limited to 60 participants Day One, 40 participants Day Two.

Sponsors: International Masonry Institute

US Heritage, Chicago, IL

Chemical Lime Company

Simpson Gumpertz & Heger Inc. Consulting Engineers



Course Instructors: Margaret Thomson, Chemical Lime Co./ Lauren Sickles-Taves, Eastern Michigan University/ Keith Blades, Conservation Consultant, Ottawa CA/ Brent Gabby, Simpson Gumpertz & Heger, Inc./ Pete Mold, Heritage Mason, Dorset UK/ John Wathne, Structures North/ Mike Schuller, Atkinson-Noland & Assoc./ International Masonry Institute/ U.S. Heritage/ and others.

This two-day workshop will present current knowledge on masonry mortars and provide an in-depth assessment of how to identify, specify, mix and install compatible mortars for historic masonry. Day one will include presentations on the chemistry of mortars, historic patterns of mortar technology, the variety of Standards available for specifying mortar, and the functional role of mortar in different types of masonry construction. A panel of experts will explore the topic of specifying compatible mortars for historic masonry. Day two of the workshop will give master masons from the International Masonry Institute and U.S. Heritage the opportunity to share their wealth of knowledge, craftsmanship skills and field experience with workshop participants. Under the guidance of the master masons, participants will have the chance to work with a variety of mortars in order to better understand the similarities and differences between them in relation to mixing, installing and finishing techniques.

Wood Preservation: Maritime and Timber Framing [W2]

Registration Fee: \$475

Limited to 40 people

Sponsors: Maine Maritime Museum, Bath, ME

Mystic Seaport, Mystic CT

Preservation Timber Framing, Eliot, ME

Course Instructors: Mystic Seaport / Maine Maritime Museum / Preservation Timber Framing Inc. / Dave Fischetti, DCF Engineering / Jan Lewandoski, Traditional Building / and others.

This two-day workshop will take an in-depth look at the traditional skills and materials knowledge necessary for the preservation of historic wooden vessels and timber-framed structures. Day one presentations will address topics from both the maritime and timber framing perspectives. These presentations will include: timber procurement and milling, vessel and structure assessment and survey, tools and methods necessary for stabilization and repairs, engineering issues, and traditional and modern methods of preventative maintenance. The second day of the workshop will be

devoted to demonstrations and hands-on training by master craftsmen at the Maine Maritime Museum Boatshop and in the field at a nearby timber-framed building.

Assessing Historic Structures—A Two-day Workshop [W3]

Registration Fee: Day one only [W3a] – \$35 (evening reception \$30 additional),
Day one and two \$350

Limited to 100 participants Day One, 40 participants Day Two

Day One: Best Practices for Condition Assessments of Historic Structures [W3a]

Sponsor: Heritage Preservation, the National Institute for Conservation

Course Instructors: Richard Brice, Historical Architect & Preservation Consultant / Milford Wayne Donaldson, Architect / Michael Emrick, Office of Michael Emrick / Harrison Goodall, Conservation Services / Linda Grubb, Linda F. Grubb Associates / Ronald Harvey, Tuckerbrook Conservation / Allen Hill, The Office of Allen Charles Hill / Marilyn Kaplan, Preservation Architecture / John Leeke, Preservation Consultant / Tom McGrath, Jr., Association for Preservation Technology International Training and Education Committee / Deborah Smith, Pejepscot Historical Society / Alfred Staehli, Architect.

The first day of the workshop, Best Practices for Condition Assessments of Historic Structures, will provide a venue for architectural assessors to discuss and exchange ideas for what they consider their best practices and most useful techniques in conducting condition assessments, specifically in regard to Heritage Preservation's Conservation Assessment Program. By examining the case study model museum, the Pejepscot Historical Society, and sharing practices of experienced CAP architectural assessors, attendees will be able to improve their own site visit and report writing practices, learn how to work effectively with collections assessors, and gain an understanding of small museums in order to foster long-term relationships.

Day Two: Conservation and Interpretation at Victoria Mansion (Morse-Libby House)

Sponsor: Victoria Mansion (Morse-Libby House)

Course Instructors: David Fixler, Einhorn Yafee Prescott / Harrison Goodall, Conservation Services / Ronald Harvey, Tuckerbrook Conservation / Michael C. Henry, Watson & Henry Associates / Andrew Ladygo, Architectural Conservation Services / John Leeke, Preservation Consultant / Ivan Myjer, Building and Monument Conservation / Robin Neely, Neely Studio / Arlene Palmer Schwind, Victoria Mansion / Robert Wolterstorff, Victoria Mansion

The second day of the workshop will be held at the National Historic Landmark museum, the Victoria Mansion (Morse-Libby House, 1858-1860), built by distinguished New Haven architect Henry Austin and noted for its surviving complete Gustav Herter interiors. Sessions led by professionals who have investigated and worked on the building will focus on how planning documents (CAP report, Historic Structure Report, Getty conservation study) have been undertaken and implemented. They will speak to tools and techniques used, how these documents are utilized in addressing conservation and interpretation issues, and how issues of interpreta-

tion both inform and are informed by the ongoing conservation and restoration of the museum. Topics will include stained glass, brownstone, electrical systems, period lighting, environmental monitoring, maintenance and painted plaster.

Professional Development Program in Engineering for Older Buildings, including Heritage Buildings: *Materials & Pathologies* [W4]

Registration Fee: \$475

Limited to 40 participants.

Partner: National Center for Preservation Technology and Training (NCPTT)

Course Instructors: Michael C. Henry, Watson & Henry Associates / Samuel Y. Harris, S. Harris & Company

APT is pleased to offer the first courses in the *Professional Development Program in Engineering for Older Buildings, including Heritage Buildings*, created under the sponsorship of the National Center for Preservation Technology and Training (NCPTT). At the Portland conference, *Materials* and *Pathologies* will be offered, addressing materials vulnerabilities, materials performance, building pathology and processes of deterioration. Working from the engineer's standpoint, the courses introduce the specific issues, technical challenges and illustrative solutions that are encountered in older buildings, including heritage buildings. The courses emphasize the subtle shifts in perspective and problem-solving methods that are necessary when working with an older or historic building.

The program is targeted for experienced engineering professionals of all technical disciplines, as well as architects and other preservation professionals with strong technical backgrounds.

Future courses in the NCPTT-sponsored *Professional Development Program in Engineering for Older Buildings, including Heritage Buildings* may be expected to include:

- Investigations and diagnostics methodology;
- Preservation treatment strategies and intervention, including evaluation and selection.
- Diagnostic monitoring and measurement for building problems;
- Principles of preservation and conservation of historic buildings;
- History of the practice of engineering and of the technology of buildings and construction;
- Integration of building systems with older buildings;
- Construction documents and specifications for rehabilitation and preservation projects;
- Construction planning and execution for rehabilitation and preservation projects;
- Longevity and maintenance of older and historic buildings.

Hotels

The host hotel for the conference will be the historic **Eastland Park Hotel** located in the heart of Portland’s Arts District. The hotel is easily accessible and Portland’s restored Old Port with its specialty shops and working waterfront are an easy walk from the hotel, as are many of the venues for the conference. The Top of the East lounge at the Eastland is Portland’s only rooftop lounge, offering breath-taking views of Casco Bay and the Atlantic Ocean to the east and the White Mountains to the west. There is a business center onsite with high-speed internet access and guest rooms have their own data ports with dial-up internet access.

Book your room reservations directly through the hotel at 207.775.5411. When making reservations state that you are attending the Association for Preservation Technology Conference to receive the discounted conference rate. **Reservations must be made by September 1, 2003 to receive the conference rate.**

Room rates	
Standard	\$129.00 single/double occupancy
Deluxe	\$152.00 single/double occupancy
Concierge	\$182.00 single/double occupancy

The **Holiday Inn By the Bay** is a modern hotel located just two short blocks from the Eastland. The Holiday Inn will provide additional accommodations for the main conference and serve as the host hotel for the post conference technical training workshops following the conference. The hotel is an easy walk from the Eastland Park, the Old Port and many of the conference venues. Many of the hotel guest rooms feature spectacular views of Portland’s harbor and the Atlantic Ocean beyond.

Book your room reservations directly through the hotel at 800.345.5050. When making reservations state that you are attending the Association for Preservation Technology Conference to receive the discounted conference rate. **Reservations must be made by August 17, 2003 to receive the conference rate.**

Room rates	
Standard	\$139.00 single/double occupancy

Portland is located off of Interstate 95, just two hours north of Boston by car and less than five hours from New York City and Montreal, Canada.

By Plane

Portland International Jetport is located three miles from downtown and transportation is available from the airport to both the Eastland Park Hotel and Holiday Inn By the Bay via the Explorer shuttle or taxi. The Jetport is served by nine major airlines with direct flights daily from major cities around the United States.



American Airlines is the official international airline of APT2003. For reservation information & to make your flight arrangements to the conference call 1-800-433-1790. Simply use our Association ID #A7193AH. The American Airlines Meetings Services Desk will confirm the lowest possible fare.

Limousine, bus and van service is available on a regular basis throughout the day from other nearby airports, including Manchester, NH (1.5 hours) and Boston’s Logan International (2hours.) Concord Trailways departs from in front of the terminal at Logan International on the hour. Check ahead at www.concordtrailways.com for schedules.

By Train

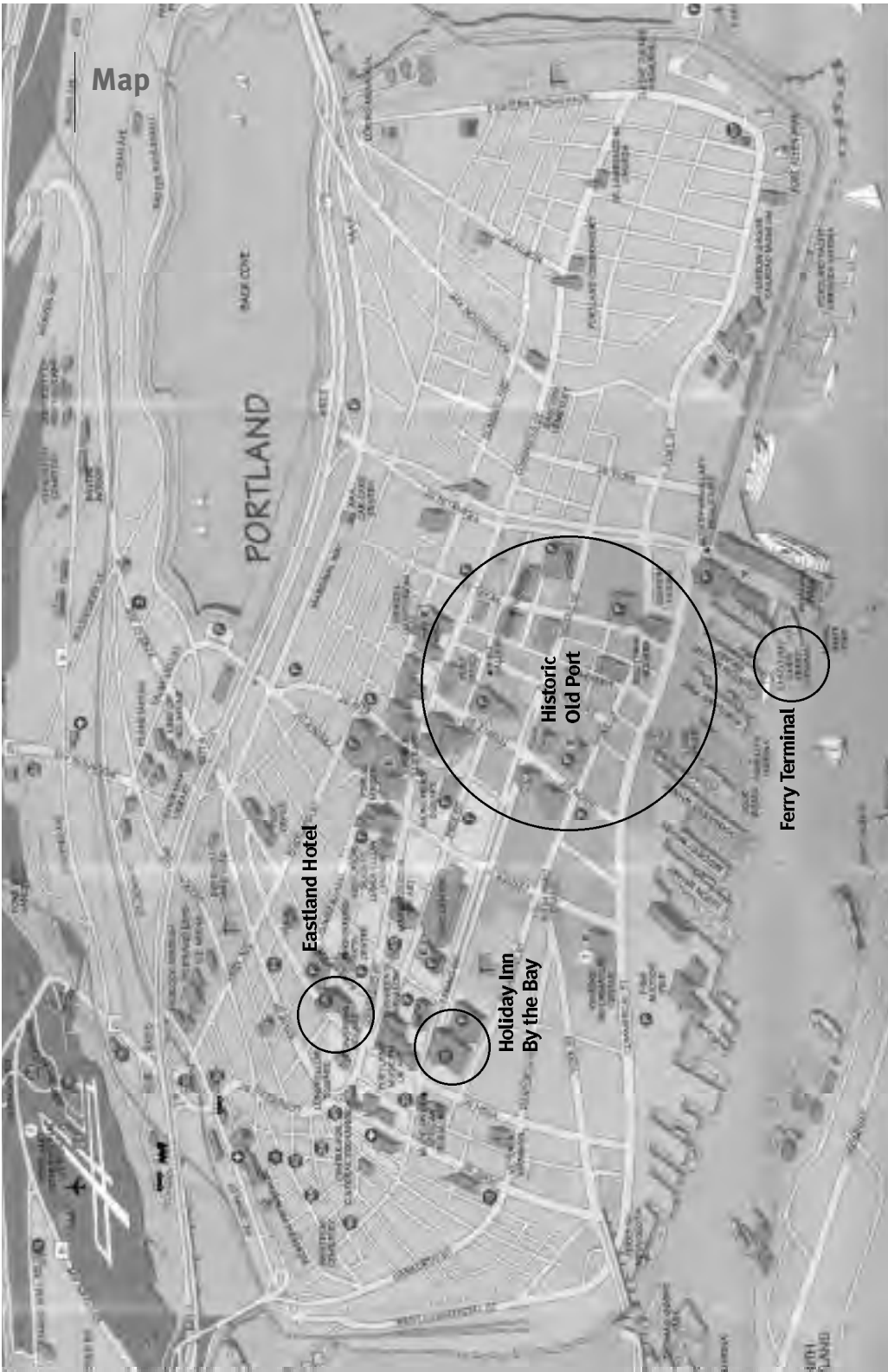
Amtrak provides regular service from Boston’s North Station to Portland via the Downeaster. Check with Amtrak www.amtrak.com for schedules and prices.

By Car

Avis is the official rental car agency of APT2003. For the lowest rates and reservations for car rental during the conference call 1-800-331-1600. Simply give the reservation desk our Association ID #Do86960.

Weather / Dress in Portland

The sea tempers Maine’s climate, making for cool summer and autumn breezes. Average temperatures during the day in September are in the 60s/70s with evening lows being in the 50s. The dress is typically casual and you should plan to dress in layers if you are going to be out for the day and evening. Plan on bringing something warm to wear if you are going sailing or attending the lobster bake. A heavy sweater is usually sufficient, and a windbreaker is recommended for sailing.



Map

Registration Form Print or type all information online registration is also available at www.apti.org

First Time APTConference Attendee

Participant Information

First Name _____ Last Name _____

First Name or Nickname to appear on badge _____ Title _____

Organization/Firm _____

Mailing Address _____

City _____ State/Province _____ Country _____ Postal Code _____

Telephone _____ Facsimile _____ E-mail _____

Please check if you do not want to be included in the conference attendee list

Registration Fee September 17 – 20

Early Rate / Member (prior to July 15) [R1]	___ @	\$385.00	\$ _____
Early Rate / Non Member [R2]	___ @	\$425.00	\$ _____
Member Rate (after July 15) [R3]	___ @	\$425.00	\$ _____
Non Member Rate [R4]	___ @	\$490.00	\$ _____
Student Rate [R5]	___ @	\$200.00	\$ _____
Speaker Rate [R7]	___ @	\$320.00	\$ _____

(Accommodation costs are not included in Registration Fees)

Workshops September 21 –22 (To ensure your space, register by September 1)

Masonry Restoration [W1]	___ @	\$450.00	\$ _____
Day one only [W1a]	___ @	\$250.00	\$ _____
Wood Preservation [W2]	___ @	\$475.00	\$ _____
Assessing Historic Structures [W3]	___ @	\$350.00	\$ _____
Day one only [W3a]	___ @	\$ 35.00	\$ _____
Professional Development for Engineers [W4]	___ @	\$475.00	\$ _____

(All workshop fees except those for the Day one only Assessing Historic Structures [W3a] include the workshop reception on Sun. Sept. 21)

Special Events Tickets

Golf Outing Wed., Sept. 17 [SE1]	___ @	\$65.00	\$ _____
A Moment in Time Wed., Sept. 17 [SE2]	___ @	Complimentary (ticket required)	
Opening Reception Wed. Sept. 17 [SE3]	___ @	Complimentary (ticket required)	
Annual General Meeting Lunch Thur., Sept. 18 [SE4]	___ @	Complimentary (ticket required)	
College of Fellows Lecture & Reception Thur., Sept 18 [SE5]	___ @	Complimentary (ticket required)	
Vision Planning Lunch Fri., Sept. 19 [SE6]	___ @	Complimentary (ticket required)	
Loyster Bake Fri., Sept. 19 [SE7]	___ @	\$55.00	\$ _____

(Please check your meal choice lobster/clams chicken steak vegetarian)

Banquet and Awards Ceremony Sat., Sept. 20 [SE8]	___ @	\$55.00	\$ _____
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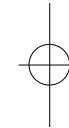
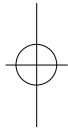
2003 APTI Conference

Wednesday 9/17		Thursday 9/18		Friday 9/19		Saturday 9/20	
7:00			7:00	7:00	Meetings*		7:00
7:30			7:30	7:30			7:30
8:00	Board Meeting		8:00	8:00	3 Papers, 3 Tracks		8:00
8:30	McLellan Sweat House		8:30	8:30			8:30
9:00	8am - 4pm		9:00	9:00			9:00
9:30			9:30	9:30			9:30
10:00			10:00	10:00			10:00
10:30			10:30	10:30	3 Papers, 3 Tracks		10:30
11:00			11:00	11:00			11:00
11:30			11:30	11:30			11:30
12:00			12:00	12:00			12:00
12:30			12:30	12:30	Vision Planning Lunch		12:30
1:00			1:00	1:00			1:00
1:30			1:30	1:30			1:30
2:00			2:00	2:00			2:00
2:30			2:30	2:30	3 Papers, 3 Tracks		2:30
3:00			3:00	3:00			3:00
3:30			3:30	3:30			3:30
4:00			4:00	4:00			4:00
4:30	Pre-conf. Talk		4:30	4:30			4:30
5:00			5:00	5:00			5:00
5:30			5:30	5:30			5:30
6:00			6:00	6:00			6:00
6:30			6:30	6:30			6:30
7:00	Opening Reception		7:00	7:00			7:00
7:30			7:30	7:30			7:30
8:00	Victoria Mansion		8:00	8:00			8:00
8:30	7pm - 9pm		8:30	8:30			8:30
9:00			9:00	9:00			9:00

* Membership Comm.

* Chapters Breakfast
College of Fellows
Training/Conf. Comm.

* Engineers



The Association for Preservation Technology International is a non-profit, educational corporation established in 1968 and dedicated to encourage, promote and advance research, training and the dissemination of information relating to preservation technology and the historic preservation of buildings, sites and objects. Members are architects, engineers, conservators, landscape architects, curators, historians, consultants, educators and craftsman representing government agencies, public institutions and the private sector. The approximately 1500 members currently reside in 28 countries around the globe. Information is gained and disseminated through regional chapter events; networking; annual conferences; training courses; a peer-reviewed journal, the APTBulletin published four times a year; a quarterly newsletter, the Communiqué; and a website.

www.apti.org